



2000 Toxics Release Inventory

MISSOURI

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	52,582,386	72,428,496	125,010,882
Air Emissions	26,602,570	11,774,340	38,376,910
Surface Water Discharges	1,793,807	152,879	1,946,686
Underground Injection Class I Wells	1	0	1
Underground Injection Class II-V Wells	1	0	1
On-site Land Releases to RCRA Subtitle C Landfills	73,629	0	73,629
Other On-site Land Releases	24,112,377	60,501,278	84,613,655
Off-site Releases (Transfers Off-site to Disposal)*	5,835,161	111,204	5,946,365
Total On- and Off-site Releases	58,417,546	72,539,700	130,957,247
Recycled On-site	265,156,339	4,503	265,160,842
Recycled Off-site	55,808,869	1,790,526	57,599,395
Energy Recovery On-site	98,064,486	0	98,064,486
Energy Recovery Off-site	12,233,527	255,990	12,489,517
Treated On-site	39,635,257	13,202,488	52,837,745
Treated Off-site**	9,044,116	46,389	9,090,505
Quantity Released On- and Off-site***	61,291,321	66,338,371	127,629,692
Total Production-related Waste Managed	541,233,915	81,638,267	622,872,181
Non-production-related Waste Managed	193,215	234	193,449

Transfers Off-site for Further Waste Management/Disposal

Recycling	55,013,875	760,865	55,774,740
Energy Recovery	11,848,070	261,867	12,109,937
Treatment	4,121,013	40,166	4,161,179
Publicly Owned Treatment Works (POTWs)	6,944,425	131	6,944,555
Metals and Metal Compounds*	88,314	10	88,324
Non-metal TRI Chemicals**	6,856,111	121	6,856,232
Other Off-site Transfers****	93,932	0	93,932
Transfers Off-site to Disposal (not including metals to POTWs)	5,798,398	111,194	5,909,592
Total Transfers Off-site for Further Waste Management/Disposal	83,819,713	1,174,223	84,993,936

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

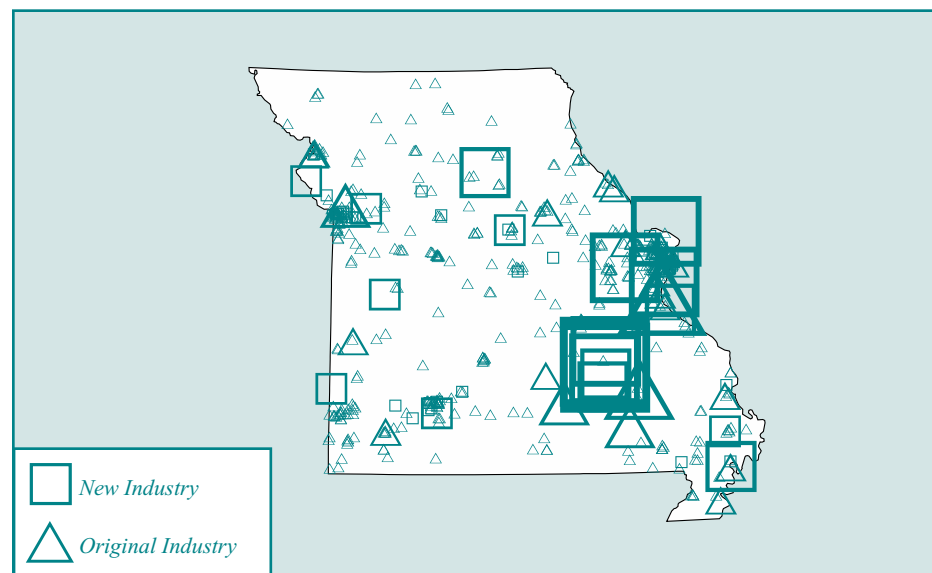
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Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Missouri. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	5,603,553
Square Miles	68,898
Total Facilities	609
Total Forms	2,255
Form As	368

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	16	12	16
Pounds	58,417,546	72,539,700	130,957,247
National Rank for Total On-site Releases**			
Rank	13	11	14
Pounds	52,582,386	72,428,496	125,010,882
National Rank for Total Releases within State***			
Rank	16	11	16
Pounds	57,257,333	73,192,279	130,449,612
National Rank for Production-related Waste Managed			
Rank	13	21	16
Pounds	541,233,915	81,638,267	622,872,181

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

MISSOURI

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	561,441	19,193	0	38,905,521	516,608	40,002,763	29,686	318,489	198,119
—	Lead compounds	482,894	6,621	0	24,737,703	2,399,375	27,626,593	10,667	2,382,952	16,424
—	Barium compounds	180,345	109,173	0	10,953,512	112,801	11,355,831	1,723	112,257	547
7647-01-0	Hydrochloric acid	8,598,145	0	0	5	143,995	8,742,145	0	0	143,995
67-56-1	Methanol	7,691,214	6,266	0	5	346	7,697,831	2,625	5	341

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	5,989.18	0.30	0.00	0.00	854.80	6,844.28	42.00	0.00	854.80
—	Mercury compounds	2,653.80	3.10	0.00	955.50	401.68	4,014.08	113.04	19.41	382.27
191-24-2	Benzo(g,h,i)perylene	19.01	0.00	0.00	0.00	579.00	598.01	0.16	0.00	579.00
7439-97-6	Mercury	317.58	0.00	0.00	49.49	32.00	399.07	73.90	0.00	32.00
1582-09-8	Trifluralin	90.24	0.00	0.00	0.00	195.40	285.64	19.00	194.00	1.40
40487-42-1	Pendimethalin	43.00	22.00	0.00	1.00	0.00	66.00	51.00	0.00	0.00
72-43-5	Methoxychlor	35.00	0.00	0.00	0.00	0.00	35.00	16.00	0.00	0.00
79-94-7	Tetrabromobisphenol A	16.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.06	0.01	0.00	0.00	0.01	0.08	0.00	0.01	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	27.238	2.908	0.000	1.267	5.376	36.790	0.000	5.376	0.000
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	73.70	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Brushy Creek Mine/Mill, Bunker, Reynolds	33,021	2,154	0	0	0	17,594,009	17,629,184	0	0
Doe Run Co. Herculanum Smelter, Herculanum, Jefferson	321,911	520	0	0	0	16,807,748	17,130,179	997	709
Buick Mine/Mill, Boss, Iron	47,026	3,247	0	0	0	11,168,013	11,218,286	0	0
Fletcher Mine/Mill, Bunker, Reynolds	29,311	750	0	0	0	7,735,105	7,765,166	0	0
Doe Run Co. Glover Smelter, Glover, Iron	53,652	19	0	0	0	5,948,046	6,001,717	0	522
Sioux Power Station, West Alton, St Charles	3,514,535	9,225	0	0	0	1,501,125	5,024,885	0	18
Viburnum Mines/Mill, Viburnum, Iron	26,556	9,030	0	0	0	4,937,371	4,972,957	0	0
Ameron Meramec Power Station, Saint Louis, Saint Louis City	3,716,069	12,894	0	0	0	802,069	4,531,032	0	0
Ameron Labadie Power Station, Labadie, Franklin	712,201	39,607	0	0	0	3,334,169	4,085,976	0	0
Sweetwater Mine/Mill, Ellington, Reynolds	13,068	500	0	0	0	3,706,022	3,719,590	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Noranda Aluminum Inc., New Madrid, New Madrid	3,953.00	0.00	0.00	0.00	0.00	0.00	3,953.00	0.00	0.00
Excel Corp., Marshall, Saline	1,341.00	0.00	0.00	0.00	0.00	0.00	1,341.00	0.00	0.00
Ameron Labadie Power Station, Labadie, Franklin	658.50	0.00	0.00	0.00	0.00	168.90	827.40	0.00	0.00
Rush Island Power Station, Festus, Jefferson	414.20	0.70	0.00	0.00	0.00	145.70	560.60	0.00	0.00
A. P. Green Inds. Inc., Fulton, Callaway	478.00	0.00	0.00	0.00	0.00	0.00	478.00	0.00	0.00
Thomas Hill Energy Center Power Div., Clifton Hill, Randolph	291.00	0.30	0.00	0.00	0.00	96.00	387.30	1.00	0.00
New Madrid Power Plant, Marston, New Madrid	270.00	0.00	0.00	0.00	0.00	0.00	270.00	0.00	0.00
Sioux Power Station, West Alton, St Charles	201.10	0.00	0.00	0.00	0.00	65.10	266.20	0.00	0.00
Ameron Meramec Power Station, Saint Louis, Saint Louis City	160.80	0.00	0.00	0.00	0.00	68.80	229.60	0.00	0.00
Lone Star Inds. Inc., Cape Girardeau, Cape Girardeau	178.01	0.00	0.00	0.00	0.00	15.00	193.01	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Doe Run Co. Herculeaneum Smelter, Herculeaneum, Jefferson	31,690,132	0	0	0	0	0	17,210,469	48,900,601	78,611
Brushy Creek Mine/Mill, Bunker, Reynolds	0	0	0	0	0	0	11,750,804	11,750,804	0
Buick Mine/Mill, Boss, Iron	0	0	0	0	0	0	11,141,823	11,141,823	0
Fletcher Mine/Mill, Bunker, Reynolds	0	0	0	0	0	0	7,764,137	7,764,137	0
Doe Run Co. Glover Smelter, Glover, Iron	86,902,177	1	0	0	3,090	522	6,001,720	92,907,510	0
Viburnum Mines/Mill, Viburnum, Iron	0	0	0	0	0	0	4,908,677	4,908,677	0
Sioux Power Station, West Alton, St Charles	0	0	0	0	3,213,000	0	4,807,266	8,020,266	0
Ameron Meramec Power Station, Saint Louis, Saint Louis City	0	0	0	0	397,000	0	4,535,230	4,932,230	0
Ameron Labadie Power Station, Labadie, Franklin	0	0	0	0	3,860,000	0	4,042,827	7,902,827	0
Sweetwater Mine/Mill, Ellington, Reynolds	0	0	0	0	0	0	3,719,244	3,719,244	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Omnium L.L.C., Saint Joseph, Buchanan	0	0	0	0	0	5,385	5,385	10,770	0
Noranda Aluminum Inc., New Madrid, New Madrid	0	0	0	0	0	0	3,953	3,953	0
Ameron Labadie Power Station, Labadie, Franklin	0	0	0	0	0	0	827	827	0
Tamko Roofing Prods. Inc., Joplin, Jasper	0	0	0	0	0	0	684	684	0
Harbison Walker Refractories Vandalia, Vandalia, Audrain	0	0	0	0	0	0	590	590	0
Rush Island Power Station, Festus, Jefferson	0	0	0	0	0	0	561	561	0
A. P. Green Inds. Inc., Fulton, Callaway	0	0	0	0	0	0	478	478	0
Kerr-Mcgee Chemical L.L.C., Springfield, Greene	0	0	0	470	0	0	470	940	0
Thomas Hill Energy Center Power Div., Clifton Hill, Randolph	0	0	0	0	80	0	400	480	0
Eagle-Picher Techs. L.L.C. Federal Sys., Joplin, Jasper	0	0	0	0	0	0	350	350	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.